

| L Number | Hits  | Search Text  | DB        | Time stamp       |
|----------|-------|--|-----------|------------------|
| 1        | 1     | ("5046184").PN.  | USPAT;    | 2004/10/15 10:31 |
| 2        | 18917 | yag! near5 laser   | US-PGPUB  | 2004/10/15 10:32 |
| 3        | 26    | (yag! near5 laser) and ((obstacle or collision) near4 (detect or detecting or detector or detected))   | USPAT;    | 2004/10/15 12:24 |
| 4        | 1721  | (yag! near5 laser) and (power near3 watt)  | US-PGPUB  | 2004/10/15 10:42 |
| 5        | 101   | ((yag! near5 laser) and (power near3 watt)) and (wavelength near3 micrometer)  | USPAT;    | 2004/10/15 10:42 |
| 6        | 2     | ((yag! near5 laser) and (power near3 watt)) and (wavelength near3 micrometer)) and (repetition near5 mhz!)   | US-PGPUB  | 2004/10/15 10:44 |
| 7        | 506   | (yag! near5 laser) and (power near3 kw!)   | USPAT;    | 2004/10/15 10:42 |
| 8        | 17    | ((yag! near5 laser) and (power near3 kw!)) and (wavelength near3 micrometer)   | US-PGPUB  | 2004/10/15 10:42 |
| 9        | 26    | ((yag! near5 laser) and (power near3 kw!)) and (repetition near5 mhz!)   | USPAT;    | 2004/10/15 10:44 |
| 10       | 15    | (laser near3 (scanner or radar)) same (edge near4 (obstacle or object))  | US-PGPUB  | 2004/10/15 12:19 |
| 11       | 83    | (laser near3 (scanner or radar)) and (time same (edge near4 (obstacle or object)))   | USPAT;    | 2004/10/15 12:19 |
| 12       | 783   | (time near3 collision) same ((obstacle or collision) near4 (detect or detecting or detector or detected))  | US-PGPUB  | 2004/10/15 12:25 |
| 13       | 15    | ((time near3 collision) same ((obstacle or collision) near4 (detect or detecting or detector or detected))) and (braking near3 force)  | USPAT;    | 2004/10/15 12:25 |
| 14       | 50    | (braking near3 force) same ((obstacle or collision) near4 (detect or detecting or detector or detected))   | US-PGPUB  | 2004/10/15 12:30 |
| 15       | 80    | (braking near3 force) same ((obstacle or collision) near4 (avoid or avoidance or avoiding))  | USPAT;    | 2004/10/15 12:31 |
| 16       | 23    | ((braking near3 force) same ((obstacle or collision) near4 (avoid or avoidance or avoiding))) and (collision near4 time)   | US-PGPUB  | 2004/10/15 12:31 |
| 26       | 15    | (US-6370475-\$ or US-5529138-\$ or US-5314037-\$ or US-5714928-\$ or US-5455669-\$ or US-5296924-\$ or US-6580385-\$ or US-5864391-\$ or US-5046184-\$ or US-4737958-\$ or US-5585798-\$).did. or (US-20020198632-\$ or US-20010003810-\$ or US-20020091479-\$).did. or (DE-19713826-\$).did.  | USPAT;    | 2004/10/15 13:50 |
| 27       | 3     | ((US-6370475-\$ or US-5529138-\$ or US-5314037-\$ or US-5714928-\$ or US-5455669-\$ or US-5296924-\$ or US-6580385-\$ or US-5864391-\$ or US-5046184-\$ or US-4737958-\$ or US-5585798-\$).did. or (US-20020198632-\$ or US-20010003810-\$ or US-20020091479-\$).did. or (DE-19713826-\$).did.) and ((rough or roughness or uneven) same road) | US-PGPUB  | 2004/10/15 14:12 |
| 28       | 0     | ((US-6370475-\$ or US-5529138-\$ or US-5314037-\$ or US-5714928-\$ or US-5455669-\$ or US-5296924-\$ or US-6580385-\$ or US-5864391-\$ or US-5046184-\$ or US-4737958-\$ or US-5585798-\$).did. or (US-20020198632-\$ or US-20010003810-\$ or US-20020091479-\$).did. or (DE-19713826-\$).did.) and (channel near3 khz!)                       | USPAT;    | 2004/10/15 14:13 |
| 29       | 10    | ((time near3 collision) same ((obstacle or collision) near4 (detect or detecting or detector or detected))) and (channel near3 khz!)   | US-PGPUB  | 2004/10/15 14:14 |
| 30       | 135   | ((obstacle or collision) near4 (detect or detecting or detector or detected)).and (channel near3 khz!)   | USPAT;    | 2004/10/15 14:15 |
| 31       | 0     | ((obstacle or collision) near4 (detect or detecting or detector or detected)) same (channel near3 khz!)  | US-PGPUB  | 2004/10/15 14:15 |
| 32       | 21    | laser same (channel near3 khz!)  | USPAT;    | 2004/10/15 14:18 |
| 33       | 3     | (photo near3 diode) same (channel near3 khz!)  | US-PGPUB  | 2004/10/15 14:18 |
| -        | 132   | (rotating near3 (pulse or pulsed) near3 (laser or lazer))  | USPAT;    | 2004/10/14 16:37 |
| -        | 62    | (rotating near3 (pulse or pulsed) near3 (laser or lazer))  | US-PGPUB  | 2004/10/14 15:54 |
|          |       |  | EPO; JPO; |                  |
|          |       |  | DERWENT;  |                  |
|          |       |  | IBM TDB   |                  |

|   |       |   |                    |                  |
|---|-------|---|--------------------|------------------|
| - | 1     | ((rotating near3 (pulse or pulsed) near3 (laser or lazer))) and ((obstacle or collision) near4 (detect or detecting or detector or detected))   | USPAT;<br>US-PGPUB | 2004/10/14 16:38 |
| - | 3     | laser same (1um!)   | USPAT;<br>US-PGPUB | 2004/10/14 15:56 |
| - | 87    | laser same (1.3 adj2 um!)   | USPAT;<br>US-PGPUB | 2004/10/14 15:57 |
| - | 3     | (laser same (1.3 adj2 um!)) and obstacle  | USPAT;<br>US-PGPUB | 2004/10/14 15:57 |
| - | 0     | laser same (1.550 adj2 um!)   | USPAT;<br>US-PGPUB | 2004/10/14 15:57 |
| - | 0     | laser and (1.550 adj2 um!)  | USPAT;<br>US-PGPUB | 2004/10/14 15:57 |
| - | 224   | (rotating near3 (scanner) near3 (laser or lazer))   | USPAT;<br>US-PGPUB | 2004/10/14 15:58 |
| - | 0     | ((rotating near3 (scanner) near3 (laser or lazer))) and ((obstacle or collision) near4 (detect or detecting or detector or detected))   | USPAT;<br>US-PGPUB | 2004/10/14 15:58 |
| - | 12128 | (scanner near3 (laser or lazer))  | USPAT;<br>US-PGPUB | 2004/10/14 15:58 |
| - | 174   | ( (scanner near3 (laser or lazer))) and ((obstacle or collision) near4 (detect or detecting or detector or detected))   | USPAT;<br>US-PGPUB | 2004/10/14 15:58 |
| - | 92    | (( (scanner near3 (laser or lazer))) and ((obstacle or collision) near4 (detect or detecting or detector or detected))) and (pulse or pulsed)   | USPAT;<br>US-PGPUB | 2004/10/14 15:58 |
| - | 13    | (( (scanner near3 (laser or lazer))) and ((obstacle or collision) near4 (detect or detecting or detector or detected))) and (pulse or pulsed)) and ((rotated or rotate or rotating) near3 (laser or lazer))   | USPAT;<br>US-PGPUB | 2004/10/14 16:03 |
| - | 51    | ("4298280"   "4352105"   "4521861"   "5128669"   "5177685"   "5181037"   "5235316"   "5249128"   "5272483"   "5314037"   "5367463"   "5381338"   "5383127"   "5416712"   "5438517"   "5450329"   "5463384"   "5467072"   "5477458"   "5479173"   "5486832"   "5504482"   "5506584"   "5523765"   "5528391"   "5529138"   "5530447"   "5530651"   "5540298"   "5570087"   "5572428"   "5572482"   "5576715"   "5576972"   "5583513"   "5585798"   "5587715"   "5606506"   "5613039"   "5619212"   "5621646"   "5699056"   "5828336"   "5841367"   "5901171"   "5907293"   "5926117"   "5926126"   "5952941"   "5983161"   "6014608").PN. | USPAT              | 2004/10/14 16:02 |
| - | 133   | (laser near3 ((obstacle or collision) near4 (detect or detecting or detector or detected)))   | USPAT;<br>US-PGPUB | 2004/10/14 16:07 |
| - | 42    | ((laser near3 ((obstacle or collision) near4 (detect or detecting or detector or detected)))) and braking   | USPAT;<br>US-PGPUB | 2004/10/14 16:03 |
| - | 415   | (laser same ((obstacle or collision) near4 (detect or detecting or detector or detected)))  | USPAT;<br>US-PGPUB | 2004/10/14 16:07 |
| - | 32    | ((laser same ((obstacle or collision) near4 (detect or detecting or detector or detected)))) and nanosecond   | USPAT;<br>US-PGPUB | 2004/10/14 16:12 |
| - | 46    | ((laser same ((obstacle or collision) near4 (detect or detecting or detector or detected)))) and micrometer   | USPAT;<br>US-PGPUB | 2004/10/14 16:15 |
| - | 6     | ((laser same ((obstacle or collision) near4 (detect or detecting or detector or detected)))) and (peak adj2 power)  | USPAT;<br>US-PGPUB | 2004/10/14 16:16 |
| - | 154   | ( (scanner near3 (laser or lazer))) and (peak adj2 power)   | USPAT;<br>US-PGPUB | 2004/10/14 16:16 |
| - | 0     | ( (scanner near3 (laser or lazer))) and ("28.45W" near4 (peak adj2 power))  | USPAT;<br>US-PGPUB | 2004/10/14 16:16 |
| - | 0     | ("28.45W" near4 (peak adj2 power))  | USPAT;<br>US-PGPUB | 2004/10/14 16:16 |
| - | 0     | ("28.45W" same (peak adj2 power))   | USPAT;<br>US-PGPUB | 2004/10/14 16:16 |
| - | 0     | ("28.45" same (peak adj2 power))  | USPAT;<br>US-PGPUB | 2004/10/14 16:16 |
| - | 634   | ("28" same (peak adj2 power))   | USPAT;<br>US-PGPUB | 2004/10/14 16:17 |
| - | 5     | ( ("28" same (peak adj2 power))) and ( (scanner near3 (laser or lazer)))  | USPAT;<br>US-PGPUB | 2004/10/14 16:17 |
| - | 0     | ("28.45W" same power)   | USPAT;<br>US-PGPUB | 2004/10/14 16:18 |
| - | 16    | ("28W" same power)  | USPAT;<br>US-PGPUB | 2004/10/14 16:18 |

|   |       |   |                                  |                  |
|---|-------|---|----------------------------------|------------------|
| - | 328   | ("28" near5 watt) same power  | USPAT;<br>US-PGPUB               | 2004/10/14 16:18 |
| - | 0     | ( ("28" near5 watt) same power) and ( (scanner near3 (laser or laser)))   | USPAT;<br>US-PGPUB               | 2004/10/14 16:19 |
| - | 12127 | laser and ( (scanner near3 (laser or laser)))   | USPAT;<br>US-PGPUB               | 2004/10/14 16:19 |
| - | 52    | laser and ( ("28" near5 watt) same power)   | USPAT;<br>US-PGPUB               | 2004/10/14 16:23 |
| - | 5     | Nanosecond same (power near3 watt) same ((repetition adj2 rate) near3 (mhz!))   | USPAT;<br>US-PGPUB               | 2004/10/14 16:25 |
| - | 11    | Nanosecond and (power near3 watt) same ((repetition adj2 rate) near3 (mhz!))  | USPAT;<br>US-PGPUB               | 2004/10/14 16:27 |
| - | 36    | Nanosecond and (power near3 watt) and ((repetition adj2 rate) near3 (mhz!))   | USPAT;<br>US-PGPUB               | 2004/10/14 16:36 |
| - | 165   | Nanosecond and (power near3 watt) and (rate near3 (mhz!))   | USPAT;<br>US-PGPUB               | 2004/10/14 16:37 |
| - | 8     | (Nanosecond and (power near3 watt) and (rate near3 (mhz!))) and ( (scanner near3 (laser or laser)))                                   | USPAT;<br>US-PGPUB               | 2004/10/14 16:37 |
| - | 0     | (rotating near3 (pulse or pulsed) near3 (infrared))   | USPAT;<br>US-PGPUB               | 2004/10/14 16:38 |
| - | 330   | (rotating same (pulse or pulsed) same (infrared))   | USPAT;<br>US-PGPUB               | 2004/10/14 16:41 |
| - | 9     | ((rotating same (pulse or pulsed) same (infrared))) and ((obstacle or collision) near4 (detect or detecting or detector or detected)) | USPAT;<br>US-PGPUB               | 2004/10/14 16:38 |
| - | 0     | ((rotating same (pulse or pulsed) same (infrared))) and ((obstacle or collision) near4 (detect or detecting or detector or detected)) | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/10/14 16:42 |
| - | 53    | (rotating same (pulse or pulsed) same (infrared))   | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/10/14 16:45 |
| - | 1     | 19713826.pn.  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/10/14 16:45 |
| - | 1     | ("5864391").PN.   | USPAT;<br>US-PGPUB               | 2004/10/14 16:47 |